

A BLUEPRINT FOR HEATING COMFORT



GOOD AUTOMATIC HEATING CAN

WITH HONEYWELL

1 THERMOSTATS

It is well for you, as a future homeowner to consider what an automatic heating system can mean to your home. Naturally, every homeowner desires the convenience, economy, and comfort provided through good automatic heating. Unfortunately, far too many people have had the sad experience of getting something less than they had hoped for when they purchased their heating systems. It is with this thought in mind that the following questions have been written:

(1) Isn't the heating system such an integral part of the construction that it is very difficult to change at a later date?

(2) Is there anything, outside of food and shelter, that is more important to you and your family's health and well being?

(3) Have you been sold a fancy kitchen, a glamour bathroom, a recreation room, and a host of extras and given little or no thought to your heating system?

(4) Is there anything that creates more charm and livability to a household than a good, accurately controlled heating system?

All right, so we are in agreement that a good heating system is important in your new home. How do you go about assuring yourself of getting a good automatic heating system? Really, it is as simple as 1-2-3.

(1) SECURE A GOOD HEATING CONTRACTOR

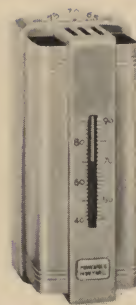
The first step is to get a good heating contractor; one who enjoys a reputation for doing good work, and is dependable. Proper installation of good heating equipment is one way to be sure that you will never be sorry.

(2) SELECT GOOD HEATING EQUIPMENT

Discuss your heating system with your heating contractor, then select good heating equipment which will meet your needs. You will do well to order heating equipment made by reliable, well established manufacturers. Remember, there is no substitute for quality.

(3) SPECIFY HONEYWELL TEMPERATURE CONTROLS

Any automatic heating system depends on its temperature controls for proper operation. It is equally as important to have good dependable controls as it is to have good heating equipment. For accuracy, safety, and dependability, specify Honeywell controls.



The thermostat acts as a sensing device that starts and stops the heating system to exactly meet the demands of the home. Honeywell manufactures many different kinds of thermostats for every type of heating installation.

The temperature controls necessary to automatic heating fall into three general groups. Each individual control has a specific function to perform which is described in detail on the following page. Most automatic heating systems require at least one of each of the following controls.

(1) THERMOSTAT—to sense room temperature changes.

(2) LIMIT CONTROL—to prevent overheating.

(3) PRIMARY CONTROL—to operate the burner.

All Honeywell controls are designed to operate effectively in any desired control application. This permits selection of any of three types of heating systems for use with any of the three common types of fuel.

Honeywell controls are engineered to provide the most valued in the modern home.

ECONOMY—Good temperature controls provide maximum operating efficiency of the heating system, resulting in savings in home heating.

CONVENIENCE—Automatic heating saves thousands of steps every year for the home owner. The progress of automatic heating is the result of better temperature controls.

COMFORT—Everyone agrees that nothing can give more enjoyment and real pleasure than a home that is comfortably heated throughout.

ACCURACY—A big feature of Honeywell controls is their precision accuracy—the result of intensive research, advanced design, and superior engineering skill.

DEPENDABILITY—With Honeywell controls installed, the home owner can forget about his heating system. These dependable controls continue to operate for years without further service.

SAFETY—It means a lot to know that the heating system and home are well protected by the latest, most advanced safety features found in Honeywell controls.

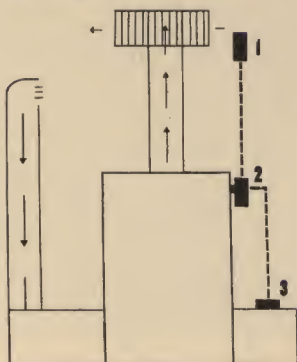
AS SIMPLE AS 1, 2, 3.....

LIMIT CONTROLS

3 PRIMARY CONTROLS



WARM AIR



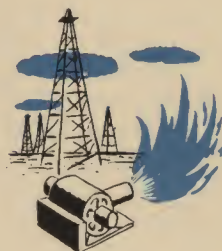
Control shown above acts as a limit control and also starts and stops the circulation. It shuts off the burner when the furnace approaches excessive temperatures.



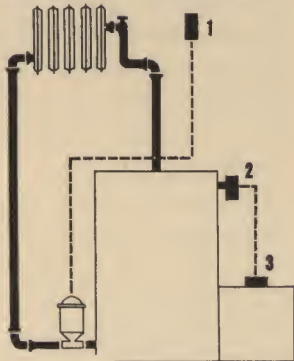
This oil burner control may be installed in warm air, hot water, or steam systems.

OIL

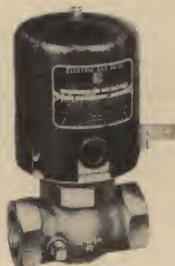
The control shown above starts and stops the oil burner. It also acts as a safety device by shutting off the oil burner in case of flame failure.



HOT WATER



Control shown above acts as a high temperature limit control for the hot water boiler. It may also be used to maintain proper temperatures.



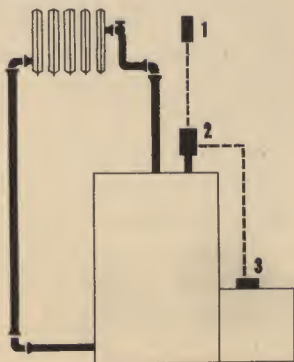
This gas burner control may be installed in warm air, hot water, or steam systems.

GAS

The control shown above starts and stops the flow of gas to the burner at the command of the room thermostat.



STEAM



Control is normally used as a high limit safety control in domestic heating installations to shut off the burner in the event that the boiler reaches excessive pressures.



This stoker control may be installed in warm air, hot water, or steam systems.

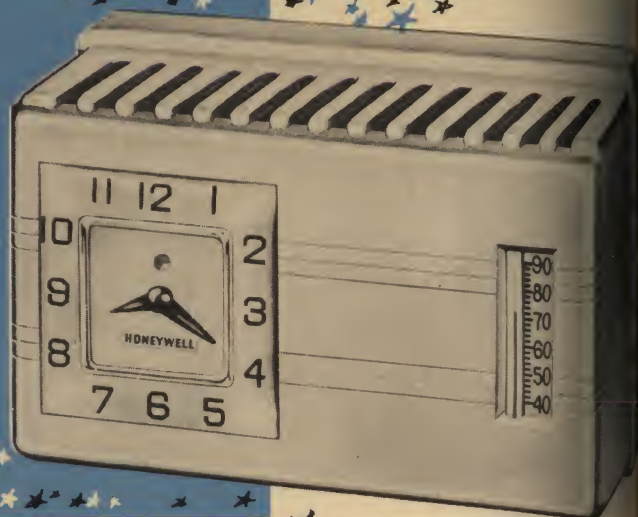
COAL

The control shown above starts and stops the stoker. A built-in timing device automatically starts the stoker to provide hold-fire in mild weather.



BETTER HEATING . . . ECONOMY . . . CONVENIENCE . . . COMFORT

the NEW HONEYWELL *Chronotherm*



The new Honeywell Chronotherm is a new, fully automatic, electric clock thermostat that offers some really outstanding features. It replaces the conventional type thermostat in your temperature control system, giving you undreamed of advantages in comfort, economy, and convenience. A new Chronotherm installed in your home allows you to forget your heating system. The new Chronotherm always remembers to lower your temperatures at night and raise them in the morning—and it saves fuel besides.

Everyone agrees that sleeping is more comfortable when temperatures are lowered at night. How much lower depends, of course, on the individual. With a conventional type thermostat, this temperature set-back is a manual process. The thermostat has to be turned down each night before retiring and turned up again each morning. With the new Chronotherm, the night set-back and morning pick-up processes are entirely automatic. You merely set the Chronotherm, at the time of installation, for the time and amount of night set-back you desire—then forget it.

A Chronotherm never forgets. No need to "flip a coin" to determine who gets out of bed early in the morning in a chilly house to turn up the heat. Chronotherm gives you an extra hour of sleep by eliminating that manual process. Two manual adjustment knobs on the side of the instrument provide for any desired temperature change during the day or eliminating the night set-back. Unquestionably, Chronotherm adds to the comfort and convenience in the modern home.

Added comfort and convenience in the home generally means more expense. Usually, an advantage gained is at the expense of something else, but this is not true of Chronotherm. Authorities agree that a very noticeable fuel saving is brought about with the addition of the new Chronotherm to a heating system. A large percentage of the fuel burned during a normal eight hour sleeping period can be saved with a Chronotherm—the night set-back thermostat. Yes, the new Chronotherm is economical. It pays for itself over and over again in fuel savings—and to mention added comfort and convenience.

It's attractive too. The compact, silver-bronze case is an addition to the beauty of any room. Chronotherm blends well with any furniture or color combination. The handsome clock on the Chronotherm makes an accurate and convenient timepiece on the living room wall.

The Chronotherm offers you beauty, comfort, convenience and economy. Ask your heating contractor about the new Chronotherm today. They are available now through leading dealers everywhere.

A PLUS FOR MODERN HOMES

HONEYWELL DIFFUSION REGISTER

OFFERS THESE FEATURES

1. STREAMLINED BEAUTY

2. NON-STREAKING

3. NO AIR BLASTS

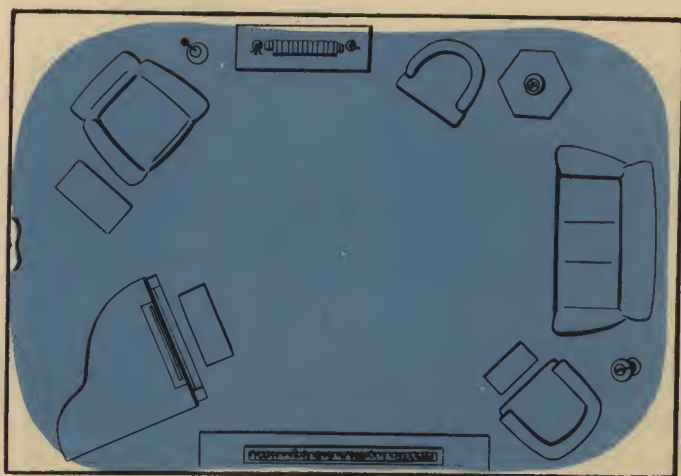
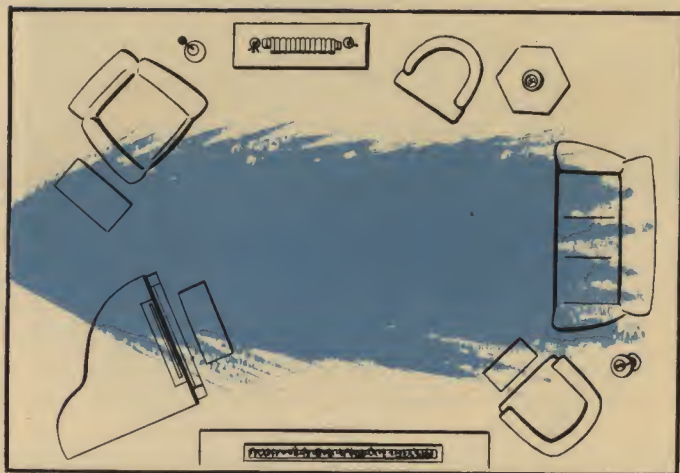


Planning the compact home of today, every inch of space must be considered for beauty, convenience and comfort. In the past, we have had to sacrifice some beauty for comfort and convenience, or vice versa, depending on which was more important. How many times have you heard, "This room would be much more pleasant without that unattractive register," or, "How much more comfortable it would be if the heat from the register reached all corners of the room."

With the introduction of the New Honeywell Register, all these worries are ended. It's beautiful in design. It's the first forced air register to offer complete air diffusion.

The streamlined face of the register extends slightly from the wall, actually enhancing the appearance of any room. The same grille that adds so much to room appearance also gives possible true diffusion and guarantees a non-streaking radiation that will save you many dollars in cleaning and decorating costs. Now, at last, there is a forced air register that combines simplicity and pleasing beauty with superior function.

You would naturally expect to pay more for all the advantages this new Honeywell register has to offer—yet, whether it be a high or a low wall installation, the final cost is no more than the better conventional types. Ask your heat-contractor or dealer about this new register. Its development is a real step forward in comfort heating.



BEST IN HEATING COMFORT



NOT TOO WARM



NOT TOO CHILLY



SOLID COMFORT

100 TIMES MORE SENSITIVE!



Heat Supply exactly balances Heat Loss

ELECTRONIC MODUFLOW BRINGS YOU COMFORT NEVER BEFORE REALIZED

Super-sensitive Electronic Moduflow is the newest and finest heating control system now available for your home. Its electronic thermostat is up to 100 times more sensitive than any other ever built! Truly a modern Aladdin's lamp, this magic thermostat instantaneously senses minute temperature variations and corrects them almost before they happen.

What's more, this amazing electronic thermostat automatically reduces nighttime temperature for perfect sleeping comfort and real savings in precious fuel. Then your electronic servant will automatically raise temperature to any daytime level you wish at any time you desire for cheery "Good Morning" warmth before you get up.

Uncomfortable heating ups and downs vanish with magical Electronic Moduflow on the job. For this super-sensitive Electronic Moduflow, the temperature you set is the temperature you get . . . constantly.

How does Electronic Moduflow do it? During the winter months, heat escapes from your home every minute of the day through doors, windows, walls, and the roof. This heat loss is continuous; however, the rate at which the heat escapes varies with outdoor temperature. So sometimes you're too warm and sometimes you're too chilly. *Not so* when you have Electronic Moduflow! For this super control system continuously supplies just enough heat to your home to balance heat loss—no more and no less. The result is an even, steady heat that brings you solid comfort day in and day out.

An electronic Moduflow control system blankets your entire home on every chilly day or night with a steady, luxurious warmth. See your heating dealer today! If he can't supply you, write directly to Minneapolis-Hamilton Regulator Co., Minneapolis 8, Minnesota. Attention: Electronic Moduflow.

NEW ADVANCED MODUFLOW

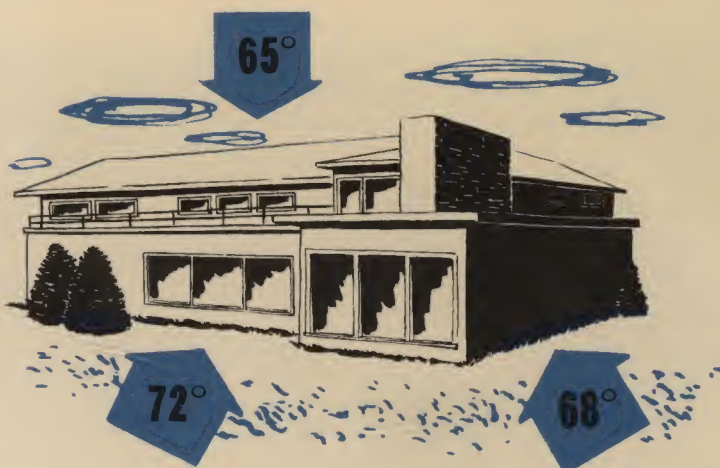
SINGLE-ZONE CONTROL

Electronic Moduflow is designed elastically to meet the needs of large and small homes alike, whether gas, oil, or stoker-fired. The single-zone Electronic Moduflow control system will bring you steady, even heating comfort continuously—throughout your home. It is easily installed, with no fuss or bother, at any time in either new or existing homes.



MULTI-ZONE CONTROL

The average home has three natural divisions. (1) Living-Dining area (2) Service area, (3) a sleeping area. By installing the necessary Moduflow controls in each section, different temperature levels may be maintained automatically in each zone. A multi-zone control system requires some minor modification of heating supply lines compared with conventional types of heating installations. It is recommended that this work be carefully planned with the heating dealer previous to installation in new homes. Call your nearest Honeywell branch. They will gladly help you with Moduflow plans.



INDIVIDUAL ROOM CONTROL

For those who desire the finest in comfort heating, further refinement in temperature control for the modern home is now available in Moduflow individual room control. Suitable control equipment is installed to maintain exact temperature requirements in each room. It is ideally suited to large type homes and apartment buildings. In addition to providing the ultimate in comfort, it offers definite economy advantages. (NOTE: Moduflow Individual Room Control is available at present for steam and hot water heating systems only.)



Let HONEYWELL Solve Your Comfort Problems

Minneapolis-Honeywell maintains complete factory branches in all the principal cities of the United States. These offices provide sales, application and service facilities for the complete Honeywell line. The branch offices also carry complete stocks of Honeywell controls. This is an important factor from the standpoint of fast, dependable service.



MINNEAPOLIS-HONEYWELL REGULATOR COMPANY

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